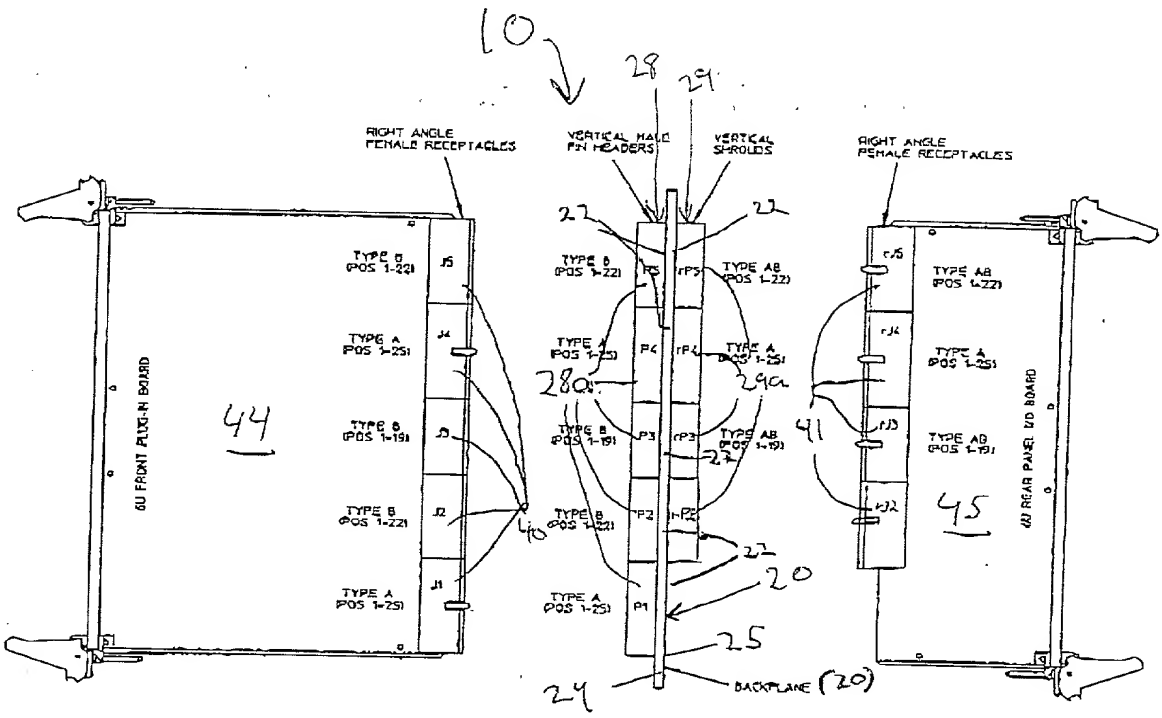
10
28
29
RIGHT ANGLE FEMALE RECEPTACLES
VERTICAL MALE PIN HEADERS
VERTICAL SHROUDS
RIGHT ANGLE FEMALE RECEPTACLES
TYPE B (POS 1-22)
TYPE A (POS 1-25)
TYPE B (POS 1-19)
TYPE B (POS 1-22)
TYPE A (POS 1-25)
6U FRONT PLUG-IN BOARD
44
TYPE B (POS 1-22)
TYPE AB (POS 1-22)
TYPE A (POS 1-25)
TYPE A (POS 1-25)
TYPE B (POS 1-19)
TYPE AB (POS 1-19)
TYPE B (POS 1-22)
TYPE A (POS 1-25)
TYPE AB (POS 1-22)
TYPE A (POS 1-25)
TYPE AB (POS 1-19)
6U REAR PANEL I/O BOARD
45
41
22
20
25
24
BACKPLANE (20)

Fig. 1a

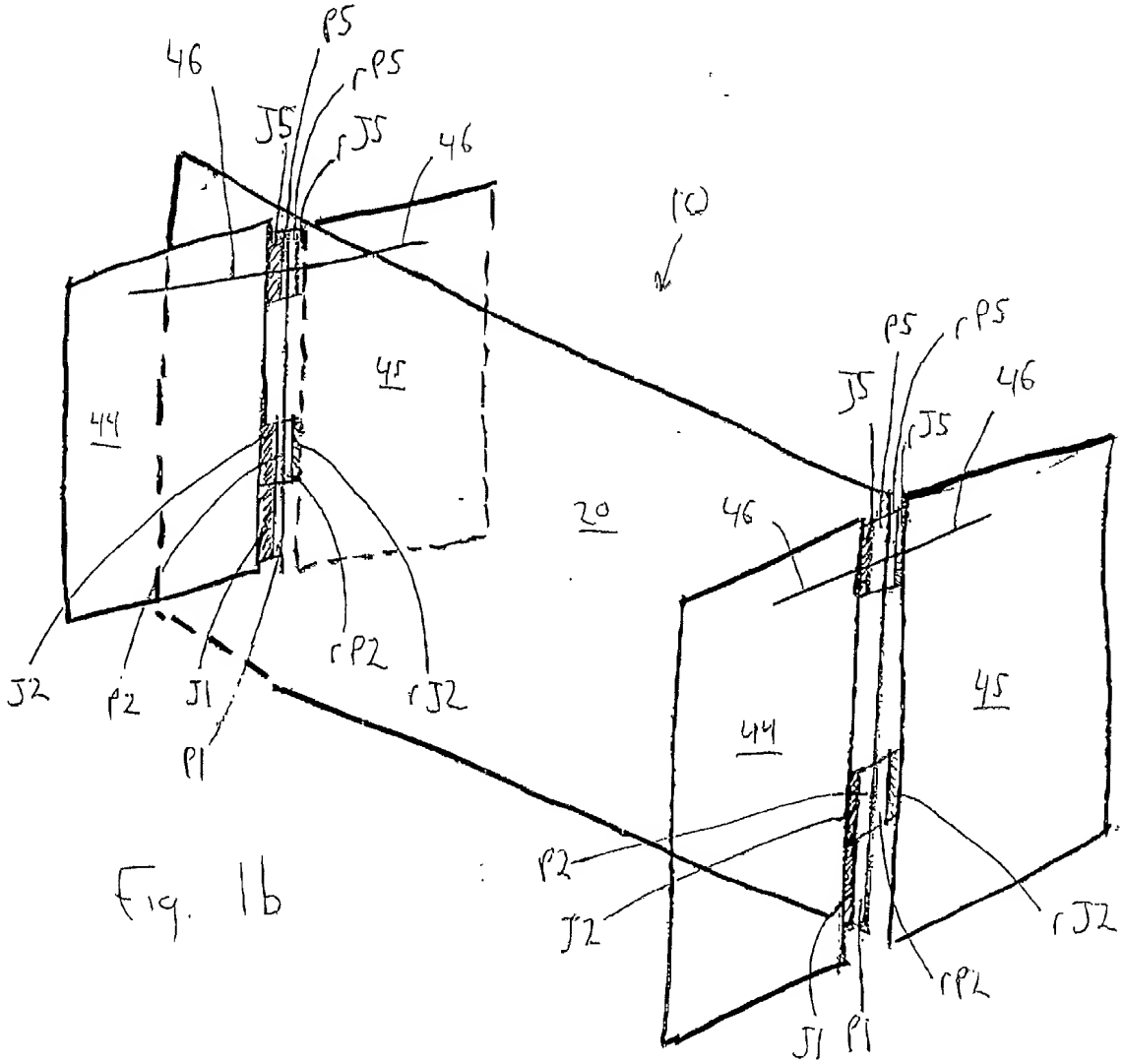
46
P5
rP5
J5
rJ5
46
10
P5
rP5
J5
rJ5
46
44
45
20
46
J2
P2
J1
P1
rP2
rJ2
45
44
P2
J2
rJ2
rP2
J1
P1

Fig. 1b

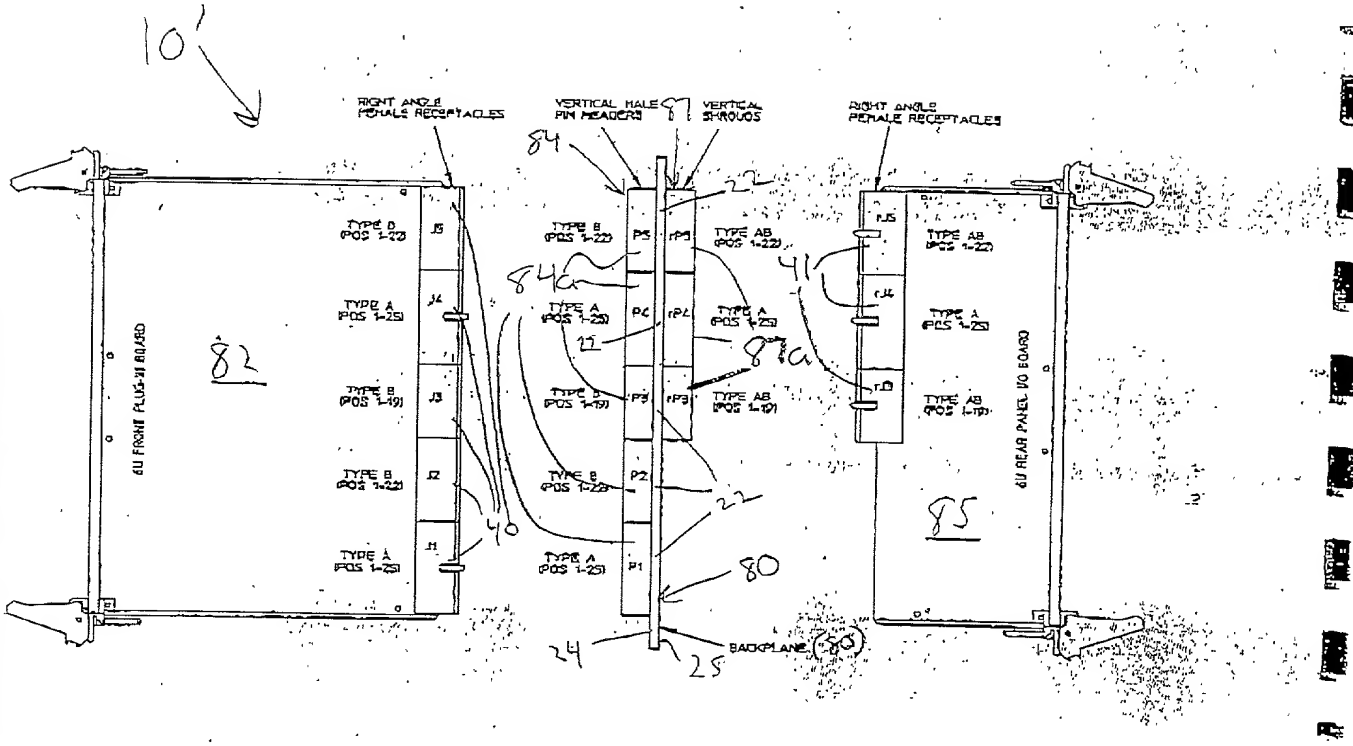
10
RIGHT ANGLE FEMALE RECEPTACLES
VERTICAL MALE PIN HEADERS
VERTICAL SHROUDS
RIGHT ANGLE FEMALE RECEPTACLES
6U FRONT PLUG-IN BOARD
6U REAR PANEL I/O BOARD
TYPE D (POS 1-22)
TYPE A (POS 1-25)
TYPE B (POS 1-19)
TYPE B (POS 1-22)
TYPE A (POS 1-25)
TYPE AB (POS 1-22)
TYPE AB (POS 1-19)
82
84
84a
85
86a
40
41
22
27
80
24
25
BACKPLANE
30

Fig. 2a

TOBOTT" 25+938660

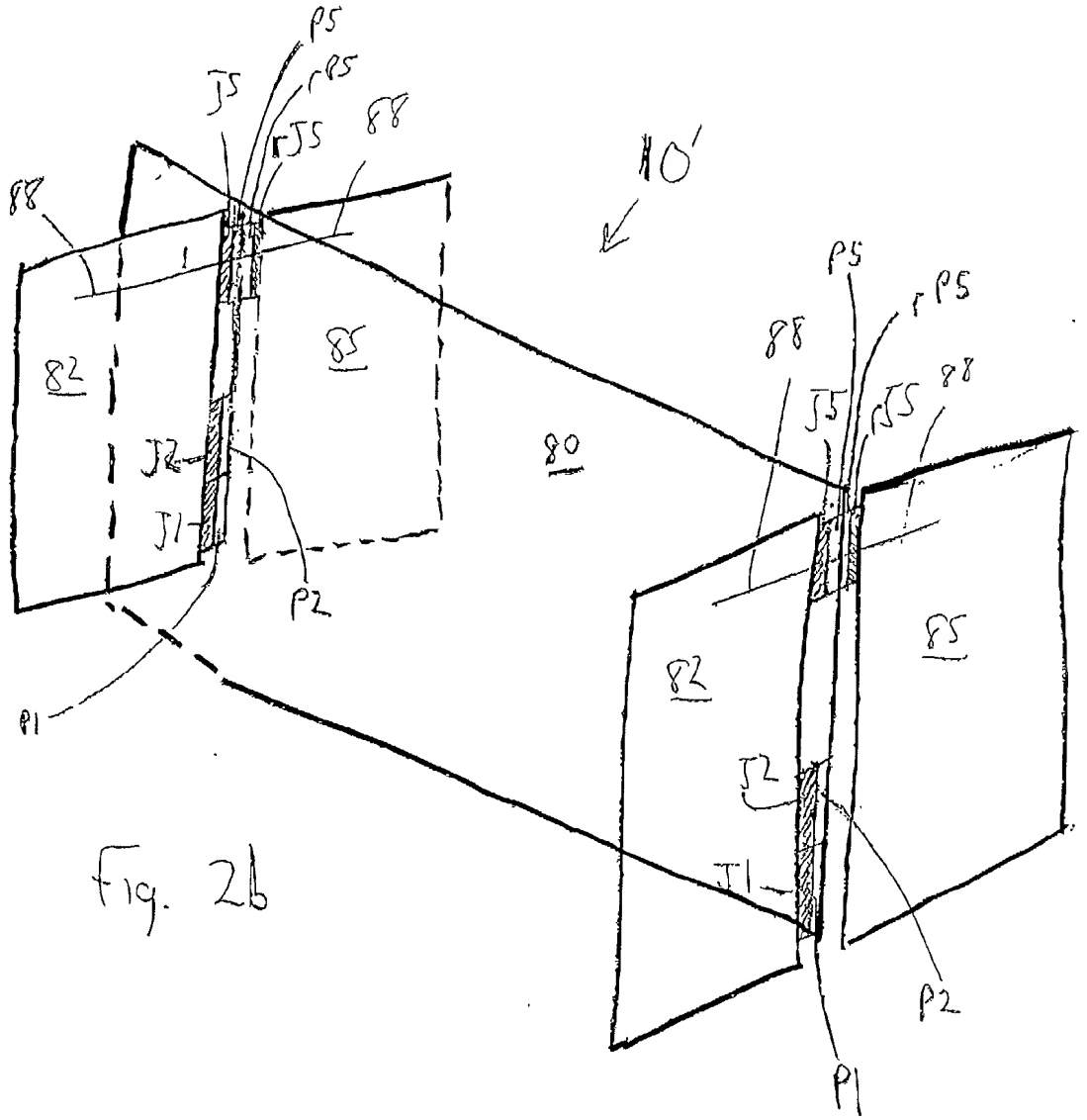

Fig. 2b

TOBOTT" 2574866O

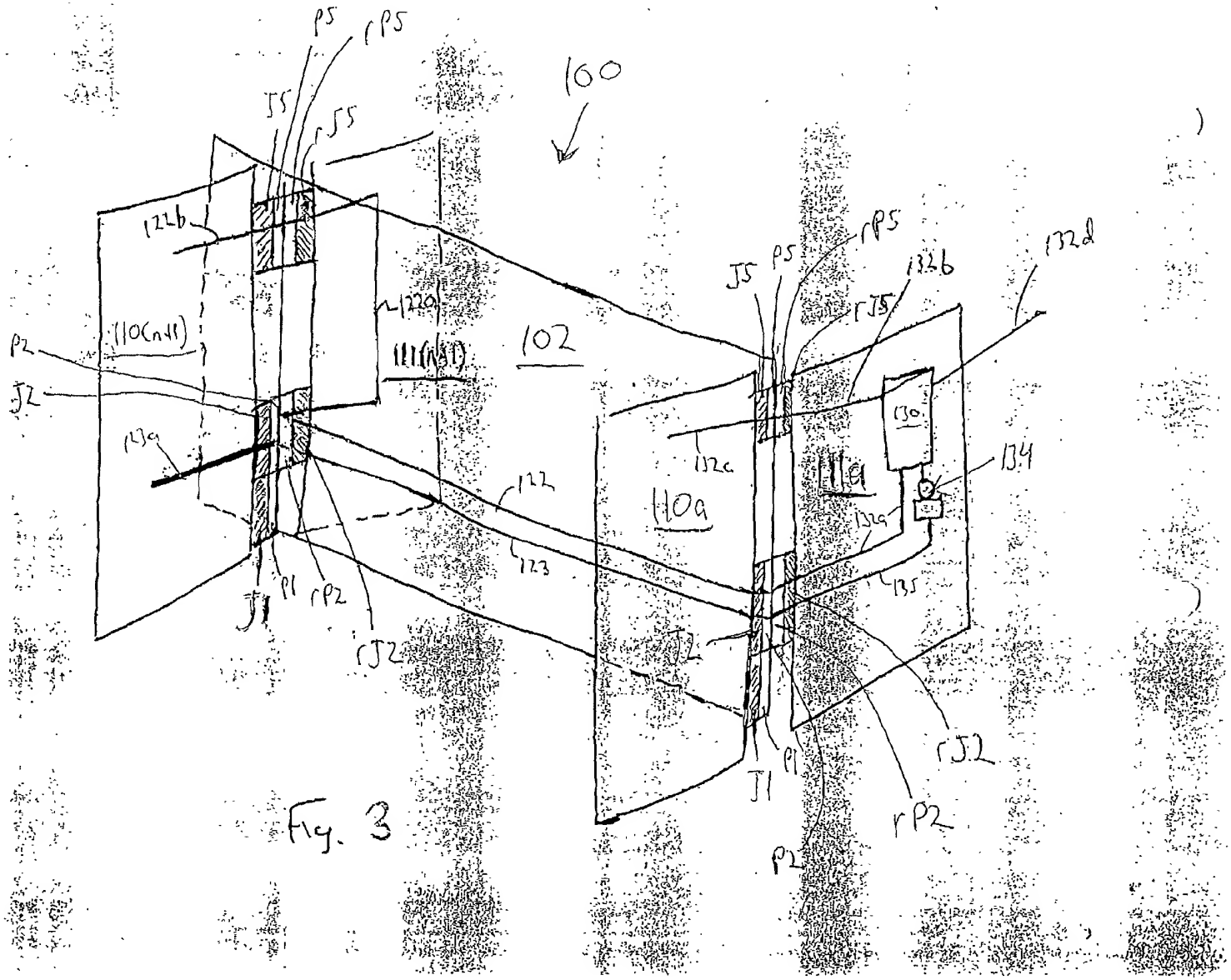

Fig. 3

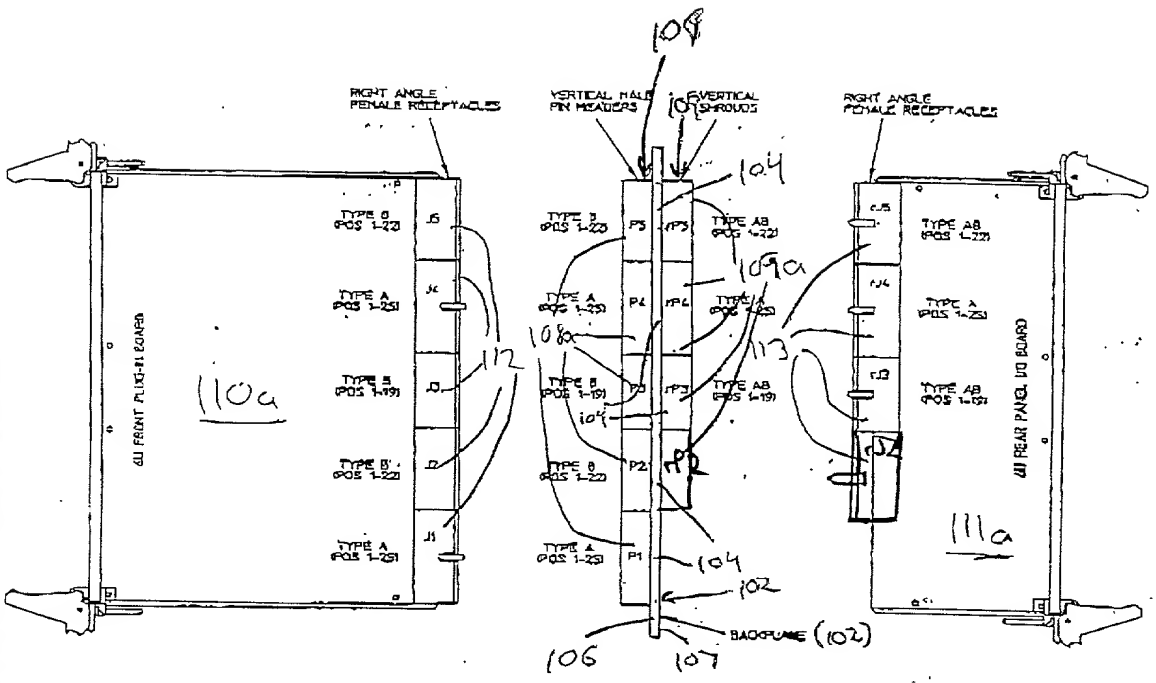
RIGHT ANGLE FEMALE RECEPTACLES
VERTICAL MALE PIN HEADERS
VERTICAL SHROUDS
RIGHT ANGLE FEMALE RECEPTACLES
109
104
109a
108a
113
112
110a
111a
102
106
107
BACKPLANE (102)
4U FRONT PLUG-IN BOARD
4U REAR PANEL I/O BOARD
TYPE B (POS 1-220)
TYPE A (POS 1-251)
TYPE B (POS 1-191)
TYPE B' (POS 1-220)
TYPE A (POS 1-251)
TYPE AB (POS 1-220)
TYPE AB (POS 1-191)
J5
J4
J3
J2
J1
P5
P4
P3
P2
P1

Fig. 4

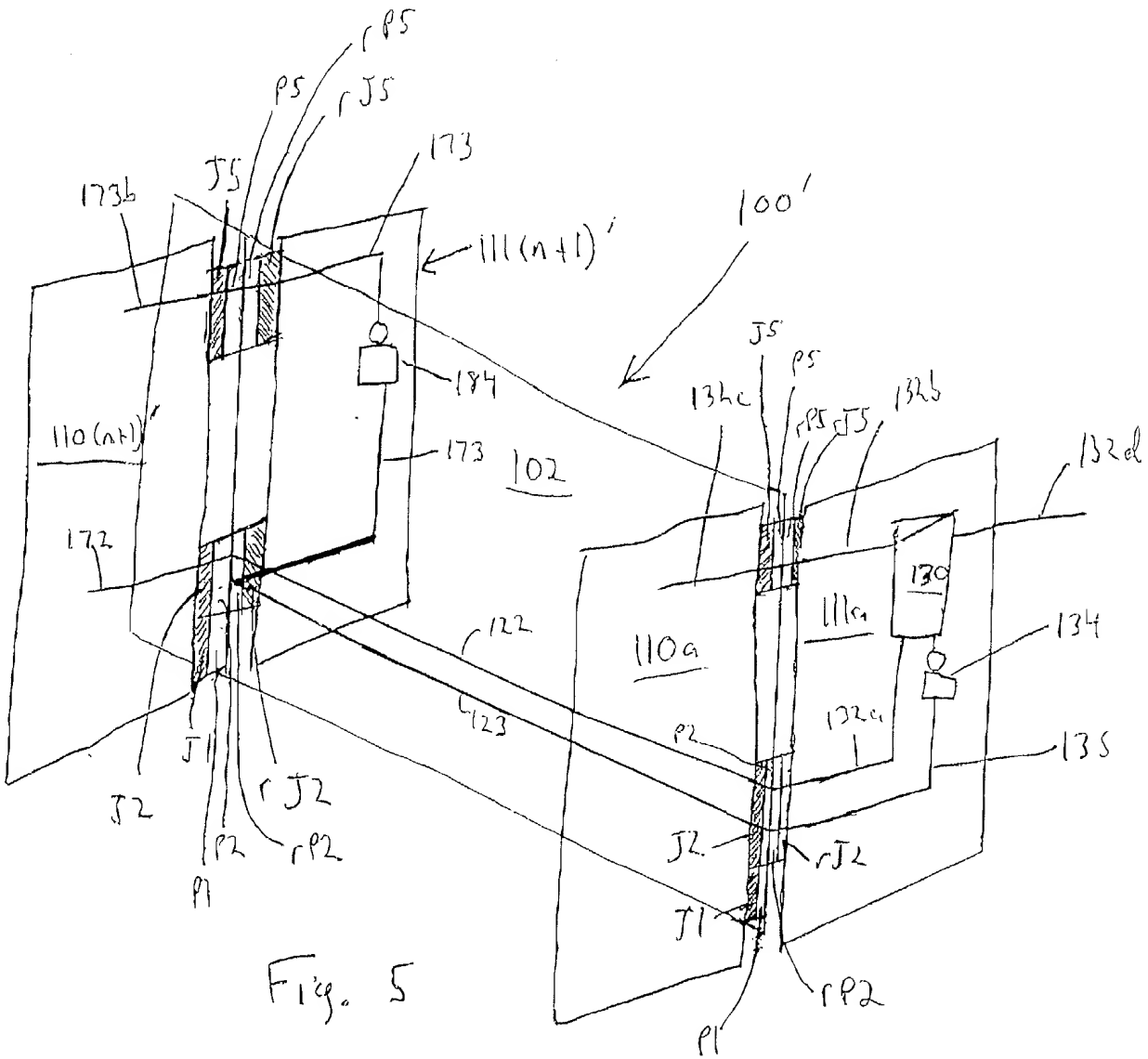
rP5
P5
rJ5
173
173b
J5
111(n+1)'
100'
184
110(n+1)'
173
102
172
122
123
J1
J2
rJ2
P2
rP2
P1
J5
P5
132c
rP5
J5
132b
132d
130
111a
110a
134
132a
135
P2
J2
rJ2
J1
rP2
P1

Fig. 5

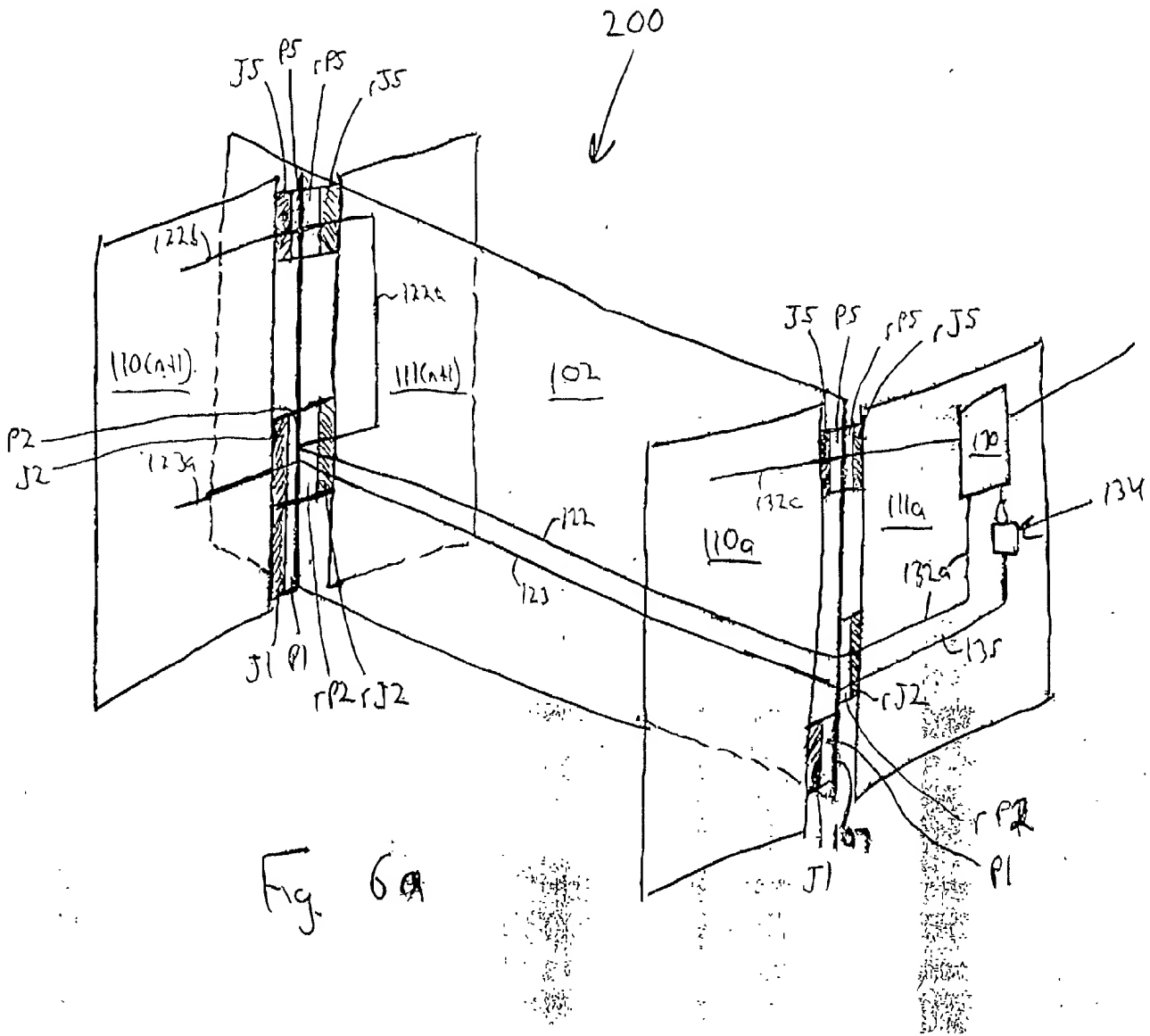
200
J5
P5
rP5
rJ5
122b
122a
110(n+1)
111(n+1)
102
P2
J2
123a
122
123
J1
P1
rP2
rJ2
J5
P5
rP5
rJ5
120
132c
111a
134
110a
132a
135
rJ2
rP2
107
J1
P1

Fig. 6A

TO80TT" 25+98660

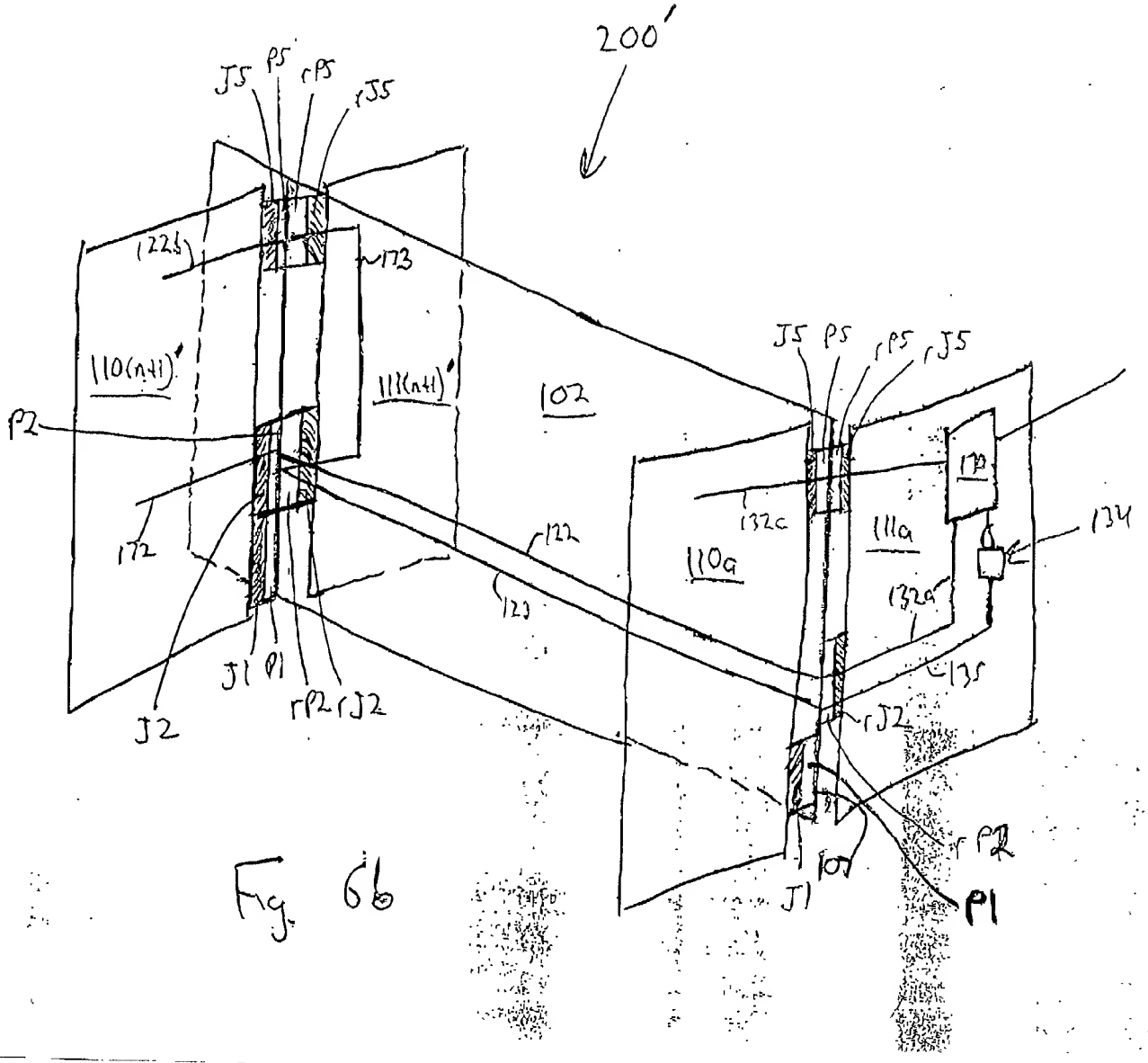

Fig. 6

TABLE 1

Pin Assignments

Table 13. CompactPCI Peripheral Slot 64-Bit Connector Pin Assignments[1][10, 11].

22	GND	GA4[13]	GA3[13]	GA2[13]	GA1[13]	GA0[13]	GND	
21	GND	RSV	RSV	RSV	RSV	RSV	GND	
20	GND	RSV	RSV	RSV	GND	RSV	GND	
19	GND	RSV	RSV	RSV	RSV	RSV	GND	P2
18	GND	BRSVP2A18	BRSVP2B18	BRSVP2C18	GND	BRSVP2E18	GND	/
17	GND	BRSVP2A17	GND	RSV	RSV	RSV	GND	J2
16	GND	BRSVP2A16	BRSVP2B16	RSV	GND	BRSVP2E16	GND	
15	GND	BRSVP2A15	GND	RSV	RSV	RSV	GND	
14	GND	AD[35]	AD[34]	AD[33]	GND	AD[32]	GND	
13	GND	AD[38]	GND	V(I/O)[2]	AD[37]	AD[36]	GND	C
12	GND	AD[42]	AD[41]	AD[40]	GND	AD[39]	GND	O
11	GND	AD[45]	GND	V(I/O)[2]	AD[44]	AD[43]	GND	N
10	GND	AD[49]	AD[48]	AD[47]	GND	AD[46]	GND	N
9	GND	AD[52]	GND	V(I/O)[2]	AD[51]	AD[50]	GND	E
8	GND	AD[56]	AD[55]	AD[54]	GND	AD[53]	GND	C
7	GND	AD[59]	GND	V(I/O)[2]	AD[58]	AD[57]	GND	T
6	GND	AD[63]	AD[62]	AD[61]	GND	AD[60]	GND	O
5	GND	C/BE[5]#	GND	V(I/O)[2]	C/BE[4]#	PAR64	GND	R
4	GND	V(I/O)[2]	BRSVP2B4	C/BE[7]#	GND	C/BE[6]#	GND	
3[3]	GND	RSV	GND	RSV	RSV	RSV	GND	
2[3]	GND	RSV	RSV	UNC[4]	RSV	RSV	GND	
1[3]	GND	RSV	GND	RSV	RSV	RSV	GND	
25	GND	5V	REQ64#	ENUM#	3.3V	5V	GND	
24	GND	AD[1]	5V	V(I/O)[2]	AD[0]	ACK64#	GND	
23	GND	3.3V	AD[4]	AD[3]	5V	AD[2]	GND	
22	GND	AD[7]	GND	3.3V	AD[6]	AD[5]	GND	P1
21	GND	3.3V	AD[9]	AD[8]	M66EN[5]	C/BE[0]#	GND	/
20	GND	AD[12]	GND	V(I/O)[2]	AD[11]	AD[10]	GND	J1
19	GND	3.3V	AD[15]	AD[14]	GND	AD[13]	GND	
18	GND	SERR#	GND	3.3V	PAR	C/BE[1]#	GND	
17	GND	3.3V	IPMB_SCL	IPMB_SDA	GND	PERR#	GND	
16	GND	DEVSEL#	GND	V(I/O)[2]	STOP#	LOCK#	GND	C
15	GND	3.3V	FRAME#	IRDY#	BD_SEL#[7]	TRDY#	GND	O
12-14				KEY AREA				N
11	GND	AD[18]	AD[17]	AD[16]	GND	C/BE[2]#	GND	N
10	GND	AD[21]	GND	3.3V	AD[20]	AD[19]	GND	E
9	GND	C/BE[3]#	IDSEL[6]	AD[23]	GND	AD[22]	GND	C
8	GND	AD[25]	GND	V(I/O)[2]	AD[25]	AD[24]	GND	T
7	GND	AD[30]	AD[29]	AD[28]	GND	AD[27]	GND	O
6	GND	REQ#	GND	3.3V	CLK	AD[31]	GND	R
5	GND	BRSVP1A5	BRSVP1B5	RST#	GND	GNT#	GND	
4	GND	IPMB_PWR	HEALTHY#[14]	V(I/O)[2]	INTP	INTS	GND	
3	GND	INTA#	INTB#	INTC#	5V	INTD#	GND	
2	GND	TCK[13]	5V	TMS[15]	TDO[15]	TDI[15]	GND	
1	GND	5V	-12V	TRST#[12]	+12V	5V	GND	
Pin	Z[14]	A	B	C	D	E	F[9]	

= long pins (front only) = short pins (front only) = medium length pins (front only)

Fig. 7